

AL3310 – Southwestern part of basin

Well AL3310 “RUSEIFA 1A (BASATEEN/1B)” is located on the southwestern part of the Zarqa groundwater basin. The fit linear trend for all data is downward, $-12 \mu\text{S}/\text{cm}/\text{yr}$ ($R^2=0.09$). However, only 2 data occur after 1998 and the values are very different. A linear fit with the last (low) data point removed is an upward trend of $+21 \mu\text{S}/\text{cm}/\text{yr}$ ($R^2=0.51$). This single low value has a major impact on the trend because there is only one other measurement after 1998. Conversely, removing the next to last (high) value would yield a more steeply downward trend in EC. Further data could clarify the EC and EC trend.

